

Action For Industry (AfI)

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Region 8 Industry Ambassadors:

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Goals

Strategic vision

To move IEEE closer to industry by creating platforms for delivering value to industry. Thereby we in Region 8 aim to restore the roots of IEEE which were in industry and which IEEE has sadly neglected over many years.

Measures

The Action plan is systematic, hopefully avoiding slogans and unrealistic intentions. Because the plan is systematic, we can measure progress by each stage of achievement.

Challenge

The serious challenge is whether industry, which has been significantly neglected by IEEE (apart from trotting out the stock complacent answer, 'we provide industry with Standards'), will be persuaded to open up co-operation with IEEE. Companies frequently cite the deals they have already established with highly credible national institutions for staff training, CPD, internships, recruitment and chartered status. Undaunted, we are making headway.

Status and Past Contributions

We highly value your contributions to Region 8!

The phase to identify the IEEE Seniors and Fellows who are based in industry was completed by October 2015.

In the present phase we have progressed to reaching the companies of the Seniors and Fellows actually working in Industry. We are now at the more challenging phase of the Action Plan which is to convince the companies that IEEE can add value to them. In this phase we have reached out to the Seniors and Fellows to volunteer as Mentors, and to the companies to offer Internships to selected high ability IEEE Students. We have placed briefings on the Region 8 website for Internships <http://www.ieeer8.org/category/technical-activities/action-for-industry/internships/> and Mentoring <http://www.ieeer8.org/category/technical-activities/action-for-industry/mentoring/>. As we add new Mentors, we will publish the list <http://www.ieeer8.org/category/technical-activities/action-for-industry/mentors/> so that young engineers can reach out to them for guidance. When we have sufficient Internship offers from Industry, we will invite IEEE Students to apply for such posts. This action will be undertaken in co-operation with the Region 8 Student Activities and Membership Development teams.

We now have the fledgling list of volunteer Mentors:

IEEE Grade	Motivation to Mentor	Career Professional Responsibilities	Career Technical Responsibilities	Location	Availability
Fellow	To help develop skills and focus of new engineers	Vice President Photonics, Chief Technologist Electronics, Chief Exec, Trouble shooting company, Visiting Prof.	Photonics Technology, Microelectronics technology, Fit-for-Purpose Reliability	UK	Commitment by arrangement. Online and 'Phone and email will allow more contact
?	?	Innovation Network Manager, Expert of Open Innovation and Railway Dependability	Rail Transportation - Large Enterprise Verification & Validation, Innovation	Naples, Italy	Personal mentoring- full availability;
Senior Member	?	32 years professional electrical engineer: applied industrial	Control systems, power supplies, microcontrollers printed circuit board design. Research, metal and mechanical industry	Valencia, Spain	September to July
?		Director, university relations	R&D in microelectronics, design and technology	Crolles near Grenoble, France	To be discussed with Mentee

And, we are negotiating with companies for Internships

Company	Location	Type of Internship	Funding
Vodafone Egypt	Egypt	Appreciated IEEE support in getting qualified students through the nationwide IEEE SBs network. Selection of qualified student to act as company representative inside their academic community and to be named as Vodafone Guru. Vodafone Guru will: Have granted seats in the summer training & R&D technical trainings. Have Free Invitations for all Vodafone company events. Personal stationery and note books. Advertise needed vacancies & internships. Prompt for Vodafone R&D activities for students (Summer trainings, internships and graduation projects support). Act as Vodafone R&D interface inside his academic institution.	Funded
Ansaldo-sts	Naples, Italy	Research Studentships	Unpaid
ST Microelectronics.	France	Next Call October/November 2016	?
British Telecommunications Global Services	UK and abroad	Including IEEE opportunity into their recruitment considerations (Note that IET has precedence for Internships at BT Labs)	?
Oclaro	UK and Italy	Considering IEEE Internships	?
IBM Kenya	Kenya	Considering IEEE Internships	?
SEACOM	Kenya	Considering IEEE Internships	
Communications Authority	Kenya	Considering IEEE Internships	
Centurion Systems	Kenya	Considering IEEE Internships	
Digital Age institute	Kenya	Considering IEEE Internships	
Schneider Electric	Kenya	Considering IEEE Internships	

Examples of correspondence with companies on Internships are given below:

1) Cyprus:

- a) Preliminary acceptance from Cyprus Telecommunications Authority (CYTA) and MTN Cyprus. Both companies are Telcos in Cyprus. R8 Industry Ambassador awaits their formal acceptance.

2) Kenya:

- a) IBM Kenya: Still discussing the internship.
- b) SEACOM: Internship opportunity
- c) Communications Authority: -Internship
- d) Centurion Systems: Following up Internship
- e) Digital Age institute: Following up Internship
- f) Schneider Electric: Following up Internship

3) UK:

- a) British Telecom Labs: Whilst interns are of great value within the Research and Innovation organisation, we are a small team and our Diamond Scholarship activity with the IET in the UK, and our post-doc activities with universities provide us all of the interns we need.
- b) BT Global Services: Because IEEE has a large global footprint, as BT GS has. I was told that currently BT GS are not looking to expand their pre-employment activities but will factor in the IEEE scheme into discussions about future activities.
- c) Oclaro: Dear Nihal, I have circulated your request amongst the Engineering leaders. I will wait until the end of the week to get responses. Regards, Steve (General Manager UK and Italy)

Outlook

Turning your vision into an actionable plan!

The Afl plan is located on the Region 8 website. When we have concrete Internships on offer, we will seek applications from IEEE Region 8 Students and YPs. Selection panels will shortlist the best candidates to be matched and offered to the companies. Company decisions will be final.

Points of Concern

The IEEE Region 8 family is here to help and support!

The major challenge is the lack of credibility of IEEE by comparison with technical national Institutes, and no focused contact by IEEE with industry for decades.

Reporting Deadline: Tuesday, 1 March 2016